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6 Pages

Suzanne Henderson

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PAID UP OIL AND GAS LEASE

SEE ATTACHED EXHIBIT "A" FOR LEGAL DESCRIPTION AND ADDITIONAL PROVISIONS

in the county of <u>TARRANT</u>, State of TEXAS, containing 0.5366 gross acres, more or less (including any interests therein which Lessor may hereafter acquire by reversion, prescription or otherwise), for the purpose of exploring for, developing, producing and marketing oil and gas, along with all hydrocarbon and non hydrocarbon substances produced in association therewith (including geophysical/seismic operations). The term 'gas' as used herein includes helium, carbon dioxide and other commercial gases, as well as hydrocarbon gases. In addition to the above-described leased premises, this lease also covers accretions and any small strips or parcels of land now or hereafter owned by Lessor which are contiguous or adjacent to the above-described leased premises, and, in consideration of the aforementioned cash bonus, Lessor agrees to execute at Lessee's request any additional or supplemental instruments for a more complete or accurate description of the land so covered. For the purpose of determining the amount of any shut-in royalties hereunder, the number of gross acres above specified shall be deemed correct, whether actually more or less.

2. This lease, which is a "paid-up" lease requiring no rentals, shall be in force for a primary term three (3) years from the date hereof, and for as long thereafter as oil or gas or other substances covered hereby are produced in paying quantities from the leased premises or from lands pooled therewith or this lease is otherwise maintained in effect pursuant to the provisions hereof.

3. Royalties on oil, gas and other substances produced and saved hereunder shall be paid by Lessee to Lessor as follows: (a) For oil and other liquid hydrocarbons separated at Lessee's separator facilities, the royalty shall be 27.25% of such production, to be delivered at Lessee's option to Lessor at the wellhead or to Lessor's credit at the oil purchaser's transportation facilities, provided that Lessee shall have the continuing right to purchase such production at the wellhead market price then prevailing in the same field, then in the nearest field in which there is such a prevailing price) for production of similar grade and gravity; (b) for gas (including casinghead gas) and all other substances covered hereby, the royalty shall be 27.25% of the proceeds realized by Lessee from the sale thereof, less a proportionate part of advalorem taxes and production, severance, or other excise taxes and the costs incurred by Lessee in delivering processing or other wise marketing such gas or other substances, provided that Lessee shall have the continuing right to purchase such production at the prevailing wellhead market price paid for production of similar quality in the same field (or if there is no such price then prevailing in the same field, then in the nearest field in which there is such a prevailing price) pursuant to comparable purchase contracts entered into on the same or nearest preceding date as the date on which Lessee commences its purchases hereunder, and (c) if at the end of the primary term or any time thereafter one or more wells on the Lessee commences its purchases hereunder; and (c) if at the end of the primary term or any time thereafter one or more wells on the leased premises or lands pooled therewith are capable of producing oil or gas or other substances covered hereby in paying quantities, but such well or wells are either shut-in or production therefrom is not being sold by Lessee, such well or wells shall nevertheless be deemed to be producing in paying quantities for the purpose of maintaining this lease. If for a period of 90 consecutive days such well or wells are shut-in or production therefrom is not being sold by Lessee, then Lessee shall pay shut-in royalty of one dollar per acre then covered by this lease, such payment to be made to Lessor or to Lessor's credit in the depository designated below, on or before the end of said 90-day period and thereafter on or before each anniversary of the end of said 90-day period while the well or wells are shut-in or production therefrom is not being sold by Lessee; provided that if this lease is otherwise being maintained by operations, or if production is being sold by Lessee from another well or wells on the leased premises or lands pooled therewith, no shut-in royalty shall be due until the end of the 90-day period next following cessation of such operations or production. Lessee's failure to properly pay shut-in royalty shall render Lessee liable for the amount due, but shall not operate to terminate this lease.

4. All, shut-in royalty payments under this lease shall be paid or tendered to Lessor or to Lessor's credit in

All shut-in royalty payments under this lease shall be paid or tendered to Lessor or to Lessor's credit in or its successors, which shall be Lessor's depository agent for receiving payments regardless of

Characteristic payments under this lease shall be Lessor's depository agent for receiving payments regardless of changes in the ownership of said land. All payments or tenders may be made in currency, or by check or by draft and such payments or tenders to Lessor or to the depository by deposit in the US Mails in a stamped envelope addressed to the depository or to the Lessor at the last address known to Lessee shall constitute proper payment. If the depository should liquidate or be succeeded by another institution, or for any reason fail or refuse to accept payment hereunder, Lessor shall, at Lessee's request, deliver to Lessee a proper recordable instrument naming another institution as depository agent to receive payments.

5. If Lessee drills a well which is incapable of producing in paying quantities (hereinafter called "dry hole") on the leased premises or lands pooled therewith, or if all production (whether or not in paying quantities) permanently ceases from any cause, including a revision of unit boundaries pursuant to the provisions of Paragraph 6 or the action of any governmental authority, then in the event this lease is not otherwise being maintained in force it shall nevertheless remain in force if Lessee commences operations for reworking an existing well or for drilling an additional well or for otherwise obtaining or restoring production on the leased premises or lands pooled therewith within 90 days after completion of operations on such dry hole or within 90 days after such cessation of all production. If at the end of the primary term, or at any time thereafter, this lease is not otherwise being maintained in force but Lessee is then engaged in drilling, reworking or any other operations reasonably calculated to obtain or restore production therefrom, this lease shall remain in force so long as any one or more of such operations are prosecuted with no cessation of more than 90 consecutive days, and if any such operations result in the production of or gas or other substances covered hereby

6. Lessee shall have the right but not the obligation to pool all or any part of the leased premises or interest therein with any other lands or interests, as to any or all depths or zones, and as to any or all substances covered by this lease, either before or after the commencement of production, whenever Lessee deems it necessary or proper to do so in order to prudently develop or operate the leased premises, whether or not similar pooling authority exists with respect to such other lands or interests. The unit formed by such pooling for an oil well which is not a horizontal completion shall not exceed 80 acres plus a maximum acreage tolerance of 10%, and for a gas well or a horizontal completion shall not exceed 80 acres plus a maximum acreage tolerance of 10%, provided that a larger unit may be formed for an oil well or gas well or horizontal completion to conform to any well spacing or density pattern that may be prescribed or permitted by any governmental authority having jurisdiction to do so. For the purpose of the foregoing, the terms oil well and 'gas well' shall have the meanings prescribed by applicable law or the appropriate governmental authority, or, if no definition is so prescribed, 'oil well' means a well with an initial gas-oil ratio of less than 100,000 cubic feet per barrel and 'gas well' means a well with an initial gas-oil ratio of 100,000 cubic feet per barrel and 'gas well' means a well with an initial gas-oil ratio of 100,000 cubic feet or more per barrel, based on 24-hour production test conducted under normal producing conditions using standard lease separator facilities or equivalent testing equipment; and the term 'horizontal completion' means an oil well in which the horizontal component of the gross completion interval in facilities or equivalent testing equipment; and the term 'horizontal completion' means an oil well in which the horizontal component of the gross completion interval in the reservoir exceeds the vertical component of the gross completion interval in the reservo

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7. If Lessor owns less than the full mineral estate in all or any part of the leased premises, the royalties and shut-in royalties payable hereunder for any well on any part of the leased premises or lands pooled therewith shall be reduced to the proportion that Lessor's interest in such part of the leased premises bears to the full mineral estate in such part of the leased premises.

Lessor's interest in such part of the leased premises bears to the full mineral estate in such part of the leased premises.

8. The interest of either Lessor or Lessee hereunder may be assigned, devised or otherwise transferred in whole or in part, by area and/or by depth or zone, and the rights and obligations of the parties hereunder shall extend to their respective heirs, devisees, executors, administrators, successors and assigns. No change in Lessor's ownership shall have the effect of reducing the rights or enlarging the obligations of Lessee hereunder, and no change in ownership shall be binding on Lessee until 60 days after Lessee has been furnished the original or certified or duly authenticated copies of the documents establishing such change of ownership to the satisfaction of Lessee or until Lessor has satisfied the notification requirements contained in Lessee's usual form of division order. In the event of the death of any person entitled to shut-in royalties hereunder, Lessee may pay or tender such shut-in royalties to the credit of decedent or decedent's estate in the depository designated above. If Lessee transfers a full or undivided interest in all or any portion of the area covered by this lease, the obligation to pay or tender shut-in royalties hereunder shall be divided between Lessee and the transferee in proportion to the net acreage interest in this lease then held by each.

9. Lessee may, at any time and from time to time, deliver to Lessor or file of record a written release of this lease as to a full or any portion.

undivided interest in all or any portion of the area covered by this lease or any depths or zones thereunder. If Lessee releases all or an undivided interest in less than all of the area covered hereby, Lessee's obligation to pay or tender shut-in royalties shall be proportionately reduced in accordance with the net acreage interest retained hereunder.

reduced in accordance with the net acreage interest retained hereunder.

10. In exploring for, developing, producing and marketing oil, gas and other substances covered hereby on the leased premises or lands pooled or unitized herewith, in primary and/or enhanced recovery, Lessee shall have the right of ingress and egress along with the right to conduct such operations on the leased premises as may be reasonably necessary for such purposes, including but not limited to geophysical operations, the drilling of wells, and the construction and use of roads, canals, pipelines, tanks, water wells, disposal wells, injection wells, pits, electric and telephone lines, power stations, and other facilities deemed necessary by Lessee to discover, produce, store, treat and/or transport production. Lessee may use in such operations, free of cost, any oil, gas, water and/or other substances produced on the leased premises, except water from Lessor's wells or ponds. In exploring, developing, producing or providers from the leased premises or lends peopled therewith the applications of the people premises. other substances produced on the leased premises, except water from Lessor's wells or ponds. In exploring, developing, producing or marketing from the leased premises or lands pooled therewith, the ancillary rights granted herein shall apply to the entire leased premises described in Paragraph 1 above, notwithstanding any partial release or other partial termination of this lease. When requested by Lessor in writing, Lessee shall bury its pipelines below ordinary plow depth on cultivated lands. No well shall be located less than 330 feet from any house or barn now on the leased premises or other lands used by Lessee hereunder, without Lessor's consent, and Lessee shall pay for damage caused by its operations to buildings and other improvements now on the leased premises or such other lands, and to commercial timber and growing crops thereon. Lessee shall have the right at any time to remove its fixtures, equipment and materials, including well casing, from the leased premises or such other lands during the term of this lease or within a reasonable time thereafter.

11. Lessee's obligations under this lease, whether express or implied, shall be subject to all applicable laws, rules, regulations and orders of any governmental authority baying lurisdiction including restrictions on the drilling and production of wells, and the price of oil

11. Lessee's obligations under this lease, whether express or implied, shall be subject to all applicable laws, rules, regulations and orders of any governmental authority having jurisdiction including restrictions on the drilling and production of wells, and the price of oil, gas, and other substances covered hereby. When drilling, reworking, production or other operations are prevented or delayed by such laws, rules, regulations or orders, or by inability to obtain necessary permits, equipment, services, material, water, electricity, fuel, access or easements, or by fire, flood, adverse weather conditions, war, sabotage, rebellion, insurrection, riot, strike or labor disputes, or by inability to obtain a satisfactory market for production or failure of purchasers or carriers to take or transport such production, or by any other cause not reasonably within Lessee's control, this lease shall not terminate because of such prevention or delay, and at Lessee's option, the period of such prevention or delay shall be added to the term hereof. Lessee shall not be liable for breach of any express or implied

covenants of this lease when drilling, production or other operations are so prevented, delayed or interrupted.

12. Lessee at Lessee's option may pay and discharge any taxes, mortgages or liens existing, levied or assessed on or against the leased premises. If Lessee exercises such option, Lessee shall be subrogated to the rights of the party to whom payment is made, and, in addition to its other rights, may reimburse itself out of any royalties or shut-in royalties otherwise payable to Lessor hereunder. In the event Lessee is made aware of any claim inconsistent with Lessor's title, Lessee may suspend the payment of royalties and shut-in royalties hereunder, without interest, until Lessee has been furnished satisfactory evidence that such claim has been resolved.

IN WITNESS WHEREOF, this instrument is executed on the date first above written

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HESSOR BY: NAME: CHANDAN ACHARYA TITLE: OWNER	-LESSOR BY: NAME: TITLE:
ACKNOWLEDGEMENTS	
personally appeared <u>CHANDAN</u> A person whose name is subscribed to the	THE undersigned notary public, on this day CHARVA , who is known to me to be the foregoing instrument, and acknowledged to me that burposes and consideration therein expressed, and in
Given under my hand and seal of one of the seal of the	Notary Public, State of Texas RACHEL HENDRIX MY COMMISSION EXPIRES June 27, 2011

EXHIBIT "A"

Attached hereto and made a part of that certain oil, gas and mineral lease as dated 7/h february 2008, by and between Acharya, Chandan, collectively referred to as Lessor, and CHESAPEAKE EXPLORATION, L.L.C, as Lessee.

ADDENDUM (ADDITIONAL PROVISIONS):

1The provisions of this Addendum are in addition to the provisions contained in the lease and are intended to be covenants running with the lease and the land covered thereby, and shall be binding upon and inure to the benefit of the successors and assigns of the parties. This Addendum is incorporated into the lease to which it is attached and is a part of such lease for all purposes. In the event of conflict between the provisions of this Addendum and the provisions of the lease to which this Addendum is attached, the terms of this Addendum shall control and be controlling.

- 1. <u>Oil and Gas Only</u>. This lease shall be limited to oil, gas and other associated hydrocarbons and sulphur produced through the well bore with oil and gas. All references in this lease to "other minerals" are hereby deleted.
- 2. <u>Shut-in Royalties</u>. If, during the primary term or thereafter, there is located on the leased premises (or land pooled therewith according to the pooling authority contained in this lease) a well completed and capable of producing gas in commercial quantities, but the production thereof is shut-in, shut-down or suspended for lack of a market, available pipeline, or because of government restrictions or, if it is economically inadvisable for both the Lessor and Lessee to sell gas for a time as evidenced by a written agreement signed by both parties, then, and in any such event, Lessee may pay as royalty a sum of money equal to \$50.00 per acre for the referenced acreage. The first payment will be due not later than ninety (90) days after the date the well is shut in, and subsequent payments will be due annually thereafter (if this lease is not being otherwise maintained in force) on the anniversary date of the period for which the prior payment was made. Upon proper and timely payment of royalty under this paragraph, it will be considered that gas is being produced. Shut-in royalty may be paid direct to Lessor at the addresses set out in this lease. In no event may this lease be perpetuated as to any of the lease premises by the payment of shut-in royalties for a period exceeding three (3) years in the aggregate.
- 3. No Surface Use. The surface of the leased premises shall not be used by Lessee for any reason, even though Lessee may claim rights of use through other parties. Lessee expressly releases and waives all rights of ingress and egress and all other rights of every kind and character whatsoever to enter upon or to use the surface of the leased premises or any part thereof, including, without limitation, the right to enter upon the surface of the leased premises for purposes of exploring for, developing, drilling, producing, transporting, mining, treating, storing or any other purpose incident to the development of production of the oil, gas and other minerals, in, on, and under the leased premises. This release and waiver is a material consideration to Lessor's agreements hereunder, and, but for such release and waiver, Lessor would not lease the leased premises to Lessee. Lessee may develop the minerals underlying the leased premises by pooling or unitizing the leased premises with other lands adjacent to the leased premises and conducting drilling and other surface operations from drillsite locations located off the leased premises from drillsite locations located off the leased premises from drillsite locations located off the leased premises.
- 4. <u>Noise</u>. If Lessee obtains a drill site location within 400 feet of the leased premises, Lessee's operations related to the drilling, completion and reworking of wells shall be kept to a reasonable minimum, taking into consideration reasonably available equipment and technology in the oil and gas industry, the level and nature of development and surface use elsewhere in the vicinity of Lessee's drill sites and the fact Lessee's operations are being conducted in or near an urban residential area. If Lessee utilizes any non-electric-powered equipment in its operations, Lessee shall take reasonable steps to muffle the sound therefrom by installing a noise suppression muffler or like equipment
- 5. <u>Vertical Pugh</u>. After the expiration of the primary term, this lease shall terminate as to all lands 100 feet below the deepest producing formation.
- 6. <u>Pooling</u>. Once Lessee has formed a unit under the provisions of Section 6 of the lease, said unit shall not be reformed or amended without the prior written consent of Lessor.
- 7. Royalty Payments. Initial royalty payments shall be due within one hundred twenty (120) days after the end of the month in which first sales were made. All subsequent

royalty payments shall be due within sixty (60) days after the end of the month in which the production occurred. Should Lessee fail to pay such royalty within such time, then Lessee shall pay to Lessor interest on said accrued royalties at the maximum rate permitted by law, from the due date until the date of payment. The rights of Lessor under this paragraph shall be in addition to, and not in lieu of, all rights Lessor may have as to payment of royalty under V.T.C.A. Natural Resources Code §§ 91.401 through 91.405.

The receipt by Lessee, or Lessee's operator, from a purchaser or a pipeline company of proceeds of production for distribution to Lessor will not result in Lessee, or Lessee's operator, acquiring legal or equitable title to those proceeds, but Lessee, or Lessee's operator, will at all times hold the proceeds in trust for the benefit of Lessor. Notwithstanding the insolvency, bankruptcy, or other business failure of a purchaser of production from the leased premises or pipeline company transporting production from the leased premises, Lessee will remain liable for payment to Lessor for, and agrees to pay Lessor all royalties due Lessor together with interest if not timely paid. Lessor retains the right to terminate the Lease for failure to pay royalties, after a period of written notice and opportunity to cure which shall not exceed sixty (60) days.

- 8. <u>No Warranty of Title.</u> This Lease is given and granted without warranty of title, express or implied, in law or in equity. Lessor agrees that Lessee, at Lessee's option, may purchase or discharge, in whole or in part, any tax, mortgage or other lien upon the leased premises and thereupon be subrogated to the right of the holder thereof, and may apply royalties accruing hereunder toward satisfying same or reimbursing Lessee. It is also agreed that if Lessor owns an interest in the oil and gas under the leased premises less than the entire fee simple estate therein, the royalties and shut-in royalties to be paid Lessor shall be reduced proportionately.
- 9. <u>Indemnity.</u> LESSEE AGREES TO INDEMNIFY AND HOLD HARMLESS LESSOR, AND LESSOR'S REPRESENTATIVES, SUCCESSORS, AND ASSIGNS AGAINST ALL EXPENSES, CLAIMS, DEMANDS, LIABILITIES, AND CAUSES OF ACTION OF ANY NATURE FOR INJURY TO OR DEATH OF PERSONS AND LOSS OR DAMAGE TO PROPERTY, INCLUDING, WITHOUT LIMITATION, REASONABLE ATTORNEY FEES, EXPERT FEES, AND COURT COSTS, CAUSED BY LESSEE'S OPERATIONS ON THE LAND OR LESSEE'S MARKETING OF PRODUCTION FROM THE LAND OR ANY VIOLATION OF ANY ENVIRONMENTAL REQUIREMENTS BY LESSEE. AS USED IN THIS PARAGRAPH, THE TERM "LESSEE" INCLUDES LESSEE, ITS AGENTS, EMPLOYEES, SERVANTS, CONTRACTORS, AND ANY OTHER PERSON ACTING UNDER ITS DIRECTION AND CONTROL, AND ITS INDEPENDENT CONTRACTORS. LESSEE'S INDEMNITY OBLIGATIONS SURVIVE THE TERMINATION OF THIS LEASE.
- 10. <u>Compliance with Laws</u>. Lessee covenants that it will strictly comply with all applicable laws, regulations and ordinances in conducting all operations under this lease.
- 11. <u>Force Majeure</u>. The events of force majeure (described in the printed lease), shall exclude any occurrence or cause reasonably within the control of Lessee. Moreover, Lessee shall take all reasonable actions to remove or end any cause of force majeure as soon as reasonably possible. The lease shall not be held in force and effect by its force majeure provision for a period of greater than two (2) years in the aggregate.
- 12. <u>No Waiver.</u> No waiver of any of the provisions of this lease shall be deemed or constitute a waiver of any other provision of this lease. Likewise, the failure of Lessor to enforce any provision of this lease shall not be deemed nor shall constitute a waiver of the right of Lessor to enforce such provision.
- 13. <u>Attorneys' Fees.</u> If Lessor or Lessee files a legal action to enforce any express or implied obligation of this lease and receives a final unappealable judgment from a court of competent jurisdiction, then the prevailing party shall be reimbursed for all costs of such legal proceedings, including reasonable attorneys' fees and costs.
- 14. <u>No Deductions/Affiliate Sales.</u> It is agreed between the Lessor and Lessee that, notwithstanding any language herein to the contrary, all oil, gas or other proceeds accruing to the Lessor under this lease or by state law shall be without deduction for the cost of producing, gathering, storing, separating, treating, dehydrating, compressing, processing, transporting, and marketing the oil, gas and other products produced hereunder; provided however, any such costs incurred on an unaffiliated interstate or intrastate gas pipeline which result in enhancing the value of the marketable oil, gas or other products to receive a better price may be deducted from Lessor's share of production so long as they are based on Lessee's actual cost of such enhancements. In no event shall Lessor receive a price that is less than, or more than, the price received by Lessee. It is the intent of the parties that the provisions of this paragraph are to be fully enforceable and effective and are not to be construed as "surplusage" under the principles set forth in Heritage Resources v. NationsBank, 939 S.W.2d 118 (Tex. 1997).
- 15. <u>Division Orders.</u> Should Lessor agree to execute a Division Order, it is agreed that no Division Order (or any Transfer Order) shall increase or diminish the agreements and provisions contained herein. In sum, if any such Division Order or Transfer Order contains wording contrary to the provisions herein and Lessor executes same without amending such

language, the agreements and provisions herein shall supercede those of the Division Order or Transfer Order.

- 16. <u>Insurance</u>. At all times while this Lease is in force, Lessee shall acquire and maintain insurance covering all of its operations on the leased premises, including any work performed on its behalf by contractors, subcontractors and others. The policies shall include coverage for comprehensive general liability for bodily injury and property damage with a limit of \$ 3,000,000, blowout and loss of well coverage, and coverage for any damage to the environment resulting from a blowout, including coverage for the cost of clean up and surface remediation, with a limit of \$ 3,000,000. In addition, Lessee shall maintain an Umbrella Liability policy in the amount of \$ 25,000,000. Lessee may self insure for up to \$ 5,000,000 with respect to the insurance coverage required of Lessee, provided that the tangible net worth of Lessee is, at all times while self-insurance is in effect, in excess of \$ 1,000,000,000.
- 17. Option to Extend. Notwithstanding anything contained herein to the contrary, if, at the expiration of the primary term of the Lease, the Lease is not being maintained in effect in any manner provided for herein, including but not limited to operations upon or production from the Leased Premises or on land pooled therewith, Lessee shall have the exclusive right and option to renew and extend the Lease as to the lands then covered thereby or any portion chosen by Lessee for an additional two (2) years, on or before the expiration of the primary term as stated herein, by payment or tender to Lessor \$18,250.00 per net mineral acre on or before 30 days before expiration of the then applicable primary term. Such sum shall be reduced under the applicable Lease provisions, including but not limited to proportionate reduction based on ownership of Lessor.

LAND DESCRIPTION:

0.5366 acres, more or less, situated in the A. Castillo Survey, Abstract No. 272, Tarrant County, Texas, conveved by Deed dated 1/3/2006, as recorded in Instrument # D206006866 of the Deed Records of Tarrant County, Texas and also known as Lot 28, Block 5, of Garden Springs, an Addition to the City of Fort Worth, Tarrant County, Texas, according to the Plat recorded in Cabinet A, Slide 3157, Plat Records of Tarrant County, Texas.

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Record & Return to: Chesapeake Operating, Inc. P.O. Box 8896 Oklahoma City, OK 73154